

**METHOD, APPARATUS AND PROGRAM STORAGE DEVICE FOR
PROVIDING AUTOMATIC PERFORMANCE OPTIMIZATION OF
VIRTUALIZED STORAGE ALLOCATION WITHIN A NETWORK OF
STORAGE ELEMENTS**

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ABSTRACT

A method, apparatus and program storage device for providing automatic performance optimization of virtualized storage allocation within a network of storage elements is disclosed. A request for storage of data is received and workload

10 requirements of the user making the request are obtained. System parameters are analyzed and storage is provided to meet the desired performance requirements based on analysis of system parameters.